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PTO/SB/05 (03-01) Approved for use through 10/31/2002 OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Please type a plus sign (+) inside this box + are required to respond to a collection of information unless it displays a valid OMB control number. Under the Paperwork Reduction Act of 1995, no person 102729-0010 Attorney Docket No. UTILITY Kimberly A. Gillis, Ph.D. PATENT APPLICATION First Inventor EXPRESSION ANALYSIS OF KIAA, etc. TRANSMITTAL EL684299628US Express Mail Label No. (Only for new nonprovisional applications under 37 CFR 1.53(b)) **APPLICATION ELEMENTS Box Patent Application** ADDRESS TO: U.S. Patent and Trademark Office P O Box 2327 See MPEP chapter 600 concerning utility patent application contents. Fee Transmittal Form (e g , PTO/SB/17) CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) bmit an original, and a duplicate for fee processing) Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. See 37 CFR 1.27. (if applicable, all necessary) 93 Computer Readable Form (CRF) 3. x Specification [Total Pages (preferred arrangement set forth below) Specification Sequence Listing on: Descriptive title of the invention Cross Reference to Related Application CD-ROM or CD-R (2 copies); or paper - Statement Regarding Fed sponsored R & D Statements verifying identity of above copies Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention ACCOMPANYING APPLICATIONS PARTS Brief Summary of the Invention
 Brief Description of the Drawings (if filed)
 Detailed Description Assignment Papers (cover sheet & document(s)) Claim(s)
 Abstract of the Disclosure 37 CFR 3.73(b) Statement X Power of Attorney 10 (when there is an assignee) English Translation Document (if applicable) X Drawing(s) (35 U.S.C 113) [Total Sheets 11 Information Disclosure Copies of IDS 5 12 5. Oath or Declaration [Total Pages Statement (IDS)/PTO-1449 a. X Unexecuted (original or copy) 13 Preliminary Amendment Return Receipt Postcard (MPEP 503) Copy from a prior application (37 CFR 1.63(d)) 14 Х (Should be specifically itemized) (for continuation/divisional with Box 18 completed) Certified Copy of Priority Document(s) 15 DELETION OF INVENTOR(S) (if foreign priority is claimed) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1 63(d)(2) and 1 33(b) Nonpublication Request under 35 U.S.C 122 (b)(2)(B)(i) 16 Applicant must attach form PTO/SB/35 or its equivalent Limited Recognition Under 37 CFR §10.9(b) 17 X Check No. 18507 in the amount of 6. X Application Data Sheet. See 37 CFR 1.76 \$2,264.00 if a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application eet under 37 CFR 1.76 Continuation-in-part (CIP) of prior application No Continuation Divisional Group / Art Unit: Prior application information: Examiner For CONTINUATION or DIVISIONAL APPS only The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 021125 Correspondence address below Customer Number or Bar Code Label NUTTER MCCLENNEN & FISH LLP Name Thomas J. Engellenner One International Place Address Zip Code 02110-2699 MA State City Boston (617) 310-9000 (617) 439-2000 US Telephone Country Registration No. (Attorney/Agent) Thomas J. Eng 28,711 **K**enner Name (Print/Type) November 28, 2001 Signature Transmittal-New Utility Patent Application I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EL684299628US, in an envelope addressed to: Box Patent Application, U.S. Patent application, Patent Application, U.S. Patent application, VA 22202, on the

(Thomas J. Engellenner)

date shown below.

Dated: November 28, 2001

Signature:

PTO/SB/17 (11-01)
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FEE TRANSMITTAL			Complete if Known							
				Numbe						
for FY 2002			Date		New Application					
Patent fees are subject to annual revision.				d Inven						
[			iner N	ame	Not Yet Assigned					
Application claims small entity status See 37 CFR 1.27			Art L	Init	N/A					
TOTAL AMOUNT OF PAYMENT (\$) 2,624.00		Attorney Docket No. 102729-0010								
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)								
X Check Credit Money Other None	3. ADDITIONAL FEES									
Card Corder C. C. Carden C. C. Carden C. Carde										
Deposit Account	Large	e Entity	Sma	ll Entity						
Deposit Account 141449	Fee	Fee	Fee	Fee	Fee Description					
Number	Code	(\$)	Code	(\$)	Fee Paid					
Deposit Account Nutter McClennen & Fish LLP	105	130	205	65	Surcharge - late filing fee or oath					
Name The Commissioner is hereby authorized to: (check all that apply)		50	227	25	Surcharge – late provisional filing fee or cover sheet.					
Charge fee(s) indicated below X Credit any overpayments	139	130	139	130	Non-English specification					
Charge any additional fee(s) during the pendency of this	ŀ		1		For filing a request for ex parte reexamination					
application	147	2,520	147	2,520	Requesting publication of SIR prior to					
Charge fee(s) indicated below, except for the filling fee	112	920*	112	920*	Examiner action					
to the above-identified deposit account.	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action					
FEE CALCULATION	115	110	215	55	Extension for reply within first month					
1. BASIC FILING FEE	116	400	216	200	Extension for reply within second month					
Large Entity Small Entity Fee Fee Fee Fee	117	920	217	460	Extension for reply within third month					
Code (\$) Code (\$) Fee Description Fee Paid	118	1,440	218	720	Extension for reply within fourth month					
101 740 201 370 Utility filing fee 740 00 106 330 206 165 Design filing fee	128	1,960 320	228	980	Extension for reply within fifth month					
106 330 206 165 Design filing fee 107 510 207 255 Plant filing fee	119 120	320	220	160 160	Notice of Appeal Filing a brief in support of an appeal					
108 740 208 370 Reissue filing fee	121	280	221	140	Request for oral hearing					
114 160 214 80 Provisional filing fee	138	1,510	138	1,510	Petition to institute a public use proceeding					
SUBTOTAL (1) (S) 740.00	140	110	240	55	Petition to revive - unavoidable					
	141	1,280	241	640	Petition to revive - unintentional					
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from Eas Boid	142	1,280	242	640						
Claims below Fee Falu	143	460	243	230	Design issue fee					
Total Claims   50   -20** =   30   x   18.00   =   540.00   Independent   10   3** =   18.00   =   1.344.00	144 122	620 130	122	310 130	Plant issue fee Petitions to the Commissioner					
Claims 19 3 - 10 x 64.00 - 1,344.00	123	50	123	50	Processing fee under 37 CFR 1 17(q)					
Multiple Dependent =	1		1		Submission of Information Disclosure Strnt					
Large Entity Small Entity Fee	126	180	126	180	Recording each patent assignment per					
Code (\$) Code (\$)	581	40	581	40	oroperty (times number of properties) Filing a submission after final rejection					
103	146	740	246	370	(37 CFR 1 129(a))					
104 280 204 140 Multiple dependent claim, if not paid	149	740	249	370	For each additional invention to be examined (37CFR 1 129(b))					
109 84 209 42 ** Reissue independent claims over original patent	179	740	279	370	Request for Continued Examination (RCE)					
110 18 210 9 ** Reissue claims in excess of 20	169	900	169	900	Request for expedited examination of a design application					
and over original patent	Other	fee (spe	ecify)							
SUBTOTAL (2) (\$) 1,884.00	*Red	luced by	Basic	Filing Fe	e Paid SUBTOTAL (3) (\$) 0.00					
**or number previously paid, if greater; For Reissues, see above	<u></u>									
SUBMITTED BY	0	tent	<i>'</i> a		Complete (if applicable)					
Name (Print/Type) Thomas J. Engellering		tration N ney/Agen		8,711	Telephone (617) 439-2948					
Signature Signature		- Carlon Sales			Date November 28, 2001					
Fee Transmittal										
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date shown below.										
Dated: November 28, 2001 Signature: (Thomas J. Engellenner)										

## NOTICE OF FEE DUE

DATE:	12-03-0									
TO:	12-03-01 Utility									
FROM:	Office of Initial Patent Examination									
SUBJECT:										
APPLICAT	TION NUMBER: $09/6$	79663	0							
Office for tauthorization	e for the attached document sub- the following reason. Please che on to charge a deposit account. I appropriate fee. If an authorizat ciency.	ck the application	on for the	appropriate ent, please						
X Insuffic	cient fee by check									
☐ Insuffic	cient funds in deposit account									
☐ Decline	ed credit card									
Non au	thorization for charge to deposit	account								
□ No fee	submitted per requirement r <sup>≥</sup>									
	<b>,</b> 2.6	٠,		p=1(1).	, n 1)					
The correct	t fee code:	amount	\$	540°						
The susper	nded fee code: 197	amount	- \$	180°	00					
Fee Due	·	amount	=\$	360°	00					
•	any questions, please contact Cartz at 703-308-3642.	ynthia Streater a	t 703-306	-5430 or						
m : 10	Manager Haileyla CII	C	-							